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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,268	07/23/2003	Sudhir Bhatia	1570/SYMBP160US	8415
23623	7590	08/04/2006	EXAMINER	
AMIN, TUROCY & CALVIN, LLP 1900 EAST 9TH STREET, NATIONAL CITY CENTER 24TH FLOOR, CLEVELAND, OH 44114			NGUYEN, KIMBERLY D	
			ART UNIT	PAPER NUMBER
			2876	

DATE MAILED: 08/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/625,268	BHATIA ET AL.	
	Examiner	Art Unit	
	Kimberly D. Nguyen	2876	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 March 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14, 16 and 27-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-14 and 16 is/are allowed.
- 6) ☒ Claim(s) 27-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input checked="" type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. <u>20060724</u> . |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>2/21/06</u> . | 6) <input type="checkbox"/> Other: _____. |

DETAILED ACTION

Amendment

1. Acknowledgment is made of Reply filed March 21, 2006.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claim 27 is rejected under 35 U.S.C. 102(b) as being anticipated by Gammon et al. (US 7,069,061; hereinafter “Gammon”).

Gammon teaches a connection assembly that connects a key pad (439 in fig. 4) to a mobile terminal (400 in fig. 4) comprising:

a mounting frame (430) connectable to a plurality of key pads, the mounting frame further connectable to over-sized key pads (key pad 439 serves as over-sized key pads);

a latch or notch element (431; col. 12, lines 31-34) positioned on an outer side of the mounting frame; and

a matching latch or notch element (495) that corresponds to the latch or notch element and engages therewith to connect the mounting frame to a mobile terminal (col. 12, lines 27+).

4. Claims 28-32 are rejected under 35 U.S.C. 102(b) as being anticipated by Wulff et al. (US 7,069,061; hereinafter “Wulff”).

Wulff teaches a method of connecting a key pad (602 in fig. 6) to a mobile terminal (600) comprising

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providing a transitional frame (608) connectable to a mobile terminal (600), the transitional frame further connectable to a plurality of keypads (602 in figs. 6-7) including key pads with widths greater than the width of the mobile terminal; and

determining selection of a key pad from the plurality of keypads, for connection to the mobile terminal by the transitional frame (608; col. 5, lines 31+).

Allowable Subject Matter

5. Claims 1-14 and 16 allowed.

6. The following is an examiner's statement of reasons for allowance:

Koenck teaches a housing for a mobile terminal comprising a top portion configured to accept an accessory (e.g., battery pack) for a mobile terminal with a bar code reader, through a rail frame affixed to an accessory compartment of the top portion ("Battery compartment hatch 27 attaches to the bottom housing part 12 of terminal 10 through the interlocking and meshing of railings on both the battery compartment hatch 27 and bottom housing part 12." col. 8, lines 19-23), the rail frame comprising a mounting component that engages with the accessory and guides the accessory into the compartment (e.g., "In place of the battery arrangement 28, the batteries can be mounted in an enclosed drawer part with square and round edges, which slides endwise into a receiving compartment..." col. 8, lines 50-53+), the rail frame further comprising a locking component (88 in fig. 2) that engages the accessory within the top portion (col. 8, lines 19-63); and a bottom portion with a handle (314) configured to be held in the palm of a hand (col. 18, lines 55-59; col. 5, line 66 through col. 8, line 63).

Chang et al. (US 2005/0011951; hereinafter "Chang") teaches an optical scanner having a guiding rail to constrain the carrier to move along the guiding rail, wherein the guiding rail is fabricated using metal.

However, Koenck and/or Chang et al., taken alone or in combination thereof, fails to specifically teach the top portion adapted to accept a key pad via a transitional frame, the key pad has a width larger than a width of the top portion of the housing as set forth in the independent claim(s).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

7. Applicant's arguments, see page 8, filed March 21, 2006, with respect to the rejection(s) of claim(s) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Gammon and Wulff as set forth above. The examiner respectfully regrets for any inconvenience.

Conclusion

Examiner's note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly D. Nguyen whose telephone number is 571-272-2402. The examiner can normally be reached on Monday-Friday 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'Kim Nguyen', followed by a long horizontal line extending to the right.

KDN
July 28, 2006